ABSTRACT

An inductive component intended to be installed on a printed circuit includes at least one winding, a body, and a magnetic core. The winding is made of an electrically conductive wire wound to form a flat coil the ends of which are connected to the inner ends of connecting terminals. The body is formed from a block of insulating material over-moulded onto the coil and onto the inner ends of the terminals, the body including a central opening which passes through the body along the axis of the coil. Preferably, the body is made of either a thermosetting epoxy resin or a thermoplastic polymer. The magnetic core is made of a ferrite layer that surrounds the body in a center plane containing the axis of the coil. A center element passes through the opening in the body.